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? set hi ;set hi
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? begin 5,73,155,399
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            $0.00    0.115 DialUnits File410
     $0.00  Estimated cost File410
     $0.02  TELNET
     $0.02  Estimated cost this search
     $0.57  Estimated total session cost   0.267 DialUnits

SYSTEM:OS  - DIALOG OneSearch
  File   5:Biosis Previews(R) 1926-2009/Nov W5
         (c) 2009 The Thomson Corporation
  File  73:EMBASE 1974-2009/Dec 07
         (c) 2009 Elsevier B.V.
*File  73: UD20091118 contains data for November 16-18.
  File 155:MEDLINE(R) 1950-2009/Dec 04
         (c) format only 2009 Dialog
*File 155: Please see HELP NEWS 154 for information on updating
in Medline the month of November.
  File 399:CA SEARCH(R) 1967-2009/UD=15124
         (c) 2009 American Chemical Society
*File 399: Use is subject to the terms of your user/customer agreement.
IPCR/8 classification codes now searchable as IC=. See HELP NEWSIPCR.

      Set  Items  Description
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? s (il(w)18)(20n)(inhibit? or suppress? or antibod? or immunoglobulin? or
antagoni? or block? or prevent?) and (treat? or therap? or clinical or patient?)
Processing
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        581352  IL
       1842927  18
       5701591  INHIBIT?
       1212661  SUPPRESS?
       2478955  ANTIBOD?
        961382  IMMUNOGLOBULIN?
       1477887  ANTAGONI?
       1783648  BLOCK?
       3181545  PREVENT?
          3277  IL(W)18(20N)((((((INHIBIT? OR SUPPRESS?) OR ANTIBOD?) OR
                IMMUNOGLOBULIN?) OR ANTAGONI?) OR BLOCK?) OR PREVENT?)
       9623576  TREAT?
       9022110  THERAP?
      11930136  CLINICAL
      10118785  PATIENT?
 S1     2151  (IL(W)18)(20N)(INHIBIT? OR SUPPRESS? OR ANTIBOD? OR
                IMMUNOGLOBULIN? OR ANTAGONI? OR BLOCK? OR PREVENT?) AND
                (TREAT? OR THERAP? OR CLINICAL OR PATIENT?)
? s s1 and (review? or overview? or synopsis)
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   STRUCTURE MEMBRANE
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       5402356  REVIEW?
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          171886  OVERVIEW?
            9753  SYNOPSIS
      S2     115  S1 AND (REVIEW? OR OVERVIEW? OR SYNOPSIS)
? rd s2
      S3      77  RD S2  (unique items)
? t s3/3/all

 3/3/1     (Item 1 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0021269773   BIOSIS NO.: 200900611210
Modulation of osteoclast function in bone by the immune system
AUTHOR: Quinn Julian M W (Reprint); Saleh Hasnawati
AUTHOR ADDRESS: Monash Med Ctr, Prince Henrys Inst, Level 4 Block E,246
  Clayton Rd, Clayton, Vic 3065, Australia**Australia
AUTHOR E-MAIL ADDRESS: julian.quinn@princehenrys.org
JOURNAL: Molecular and Cellular Endocrinology  310 (1-2, Sp. Iss. SI): p
40-51 OCT 30 2009 2009
ITEM IDENTIFIER: doi:10.1016/j.mce.2008.11.002
ISSN: 0303-7207
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English


 3/3/2     (Item 2 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0020071066   BIOSIS NO.: 200800118005
The "T" in trauma: the helper T-cell response and the role of
  immunomodulation in trauma and burn patients
AUTHOR: Miller Andrew C (Reprint); Rashid Rashid M; Elamin Elamin M
AUTHOR ADDRESS: SUNY Hlth Sci Ctr, Dept Emergency Med, 450 Clarkson Ave,Box
  1228, Brooklyn, NY 11203 USA**USA
AUTHOR E-MAIL ADDRESS: andrewcmiller@optonline.net
JOURNAL: Journal of Trauma Injury Infection and Critical Care  63 (6): p
1407-1417 DEC 2007 2007
ITEM IDENTIFIER: doi:10.1097/TA.0b013e31815b839e
ISSN: 0022-5282
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English


 3/3/3     (Item 3 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0019875650   BIOSIS NO.: 200700535391
The expanding family of interleukin-1 cytokines and their role in
  destructive inflammatory disorders
AUTHOR: Barksby H E; Lea S R; Preshaw P M; Taylor J J (Reprint)
AUTHOR ADDRESS: Univ Newcastle Upon Tyne, Sch Dent Sci, Oral Microbiol and
  Host Responses Grp, Newcastle Upon Tyne NE2 4BW, Tyne and Wear, UK**UK
AUTHOR E-MAIL ADDRESS: j.j.taylor@ncl.ac.uk
JOURNAL: Clinical and Experimental Immunology  149 (2): p217-225 AUG 2007
2007
ITEM IDENTIFIER: doi:10.1111/j.1365-2249.2007.03441.x
ISSN: 0009-9104
```

DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/4 (Item 4 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0019624154 BIOSIS NO.: 200700283895
IL-18 in autoimmunity: review
AUTHOR: Boraschi Diana (Reprint); Dinarello Charles A
AUTHOR ADDRESS: CNR, Lab Cytokines, Unit Immunobiol, Inst Biomed Technol,CNR,Area Ric Cataldo, Via G Moruzzi 1, I-56124 Pisa, Italy**Italy
AUTHOR E-MAIL ADDRESS: diana.boraschi@itb.cnr.it
JOURNAL: European Cytokine Network 17 (4): p224-252 DEC 2006 2006
ISSN: 1148-5493
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/5 (Item 5 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

0019465621 BIOSIS NO.: 200700125362
Cytokines in breast cancer
AUTHOR: Nicolini A (Reprint); Carpi A; Rossi G
AUTHOR ADDRESS: Univ Pisa, Dept Internal Med, Via Roma 67, I-56126 Pisa, Italy**Italy
AUTHOR E-MAIL ADDRESS: a.nicolini@int.med.unipi.it
JOURNAL: Cytokine & Growth Factor Reviews 17 (5): p325-337 OCT 2006 2006
ISSN: 1359-6101
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/6 (Item 6 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

19283198 BIOSIS NO.: 200600628593
Immune stimulatory strategies for the prevention and treatment of asthma
AUTHOR: Wohlleben G; Erb K J (Reprint)
AUTHOR ADDRESS: Boehringer Ingelheim Pharma GmbH and Co KG, Dept Pulm Res, H91-02-01,Birkendorferstr 65, D-88397 Biberach, Germany**Germany
AUTHOR E-MAIL ADDRESS: Klaus.Erb@bc.boehringer-ingetheim.com
JOURNAL: Current Pharmaceutical Design 12 (25): p3281-3292 2006 2006
ISSN: 1381-6128
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

19117084 BIOSIS NO.: 200600462479
Cytokine and anti-cytokine therapies for psoriasis and atopic dermatitis
AUTHOR: Numerof Robert P (Reprint); Asadullah Khusru
AUTHOR ADDRESS: Berlex Biosci, Res Business Area Dermatol SA, 2600 Hilltop Dr,POB 4099, Richmond, CA 94804 USA**USA
AUTHOR E-MAIL ADDRESS: robertnumerof@berlex.com
JOURNAL: BioDrugs 20 (2): p93-103 2006 2006
ISSN: 1173-8804
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

19110560 BIOSIS NO.: 200600455955
Biological therapies for inflammatory bowel disease: Research drives clinics
AUTHOR: Danese Silvio (Reprint); Semeraro Stefano; Armuzzi Alessandro; Papa Alfredo; Gasbarrini Antonio
AUTHOR ADDRESS: IRCCS, Ist Clin Humanities, Div Gastroenterol, IBD Unit, Viale Manzoni 56, I-20089 Milan, Italy**Italy
AUTHOR E-MAIL ADDRESS: sdanese@hotmail.com
JOURNAL: Mini-Reviews in Medicinal Chemistry 6 (7): p771-784 JUL 2006 2006
ISSN: 1389-5575
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

18972774 BIOSIS NO.: 200600318169
Agents against cytokine synthesis or receptors
AUTHOR: Yamagata Toshiyuki; Ichinose Masakazu (Reprint)
AUTHOR ADDRESS: Wakayama Med Univ, Dept Internal Med 3, Kimiidera 811-1, Wakayama 6418509, Japan**Japan
AUTHOR E-MAIL ADDRESS: masakazu@wakayama-med.ac.jp
JOURNAL: European Journal of Pharmacology 533 (1-3): p289-301 MAR 8 2006 2006
ISSN: 0014-2999
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

18952883 BIOSIS NO.: 200600298278
Interleukin 1 and interleukin 18 as mediators of inflammation and the aging process
AUTHOR: Dinarello Charles A (Reprint)
AUTHOR ADDRESS: Univ Colorado, Hlth Sci Ctr, Dept Med, Div Infect Dis, 4200 E 9th Ave,B168, Denver, CO 80262 USA**USA

AUTHOR E-MAIL ADDRESS: cdinare333@aol.com
JOURNAL: American Journal of Clinical Nutrition 83 (2): p447S-455S FEB 2006 2006
ISSN: 0002-9165
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

18734982 BIOSIS NO.: 200600080377
Th1 cytokines in the pathogenesis of lupus nephritis: The role of IL-18
AUTHOR: Calvani Nicola; Tucci Marco; Richards Hanno B; Tartaglia Paola; Silvestris Franco (Reprint)
AUTHOR ADDRESS: Univ Bari, Dept Internal Med and Clin Oncol, DIMO, Piazza Giulio Ceassare 11, I-70124 Bari, Italy**Italy
AUTHOR E-MAIL ADDRESS: f.silvestris@dimo.uniba.it
JOURNAL: Autoimmunity Reviews 4 (8): p542-548 NOV 2005 2005
ISSN: 1568-9972
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

18675268 BIOSIS NO.: 200600020663
The toll-like receptor-nuclear factor kappa B pathway in rheumatoid arthritis
AUTHOR: Andreakos Evangelos (Reprint); Sacre Sandra; Foxwell Brian M; Feldmann Marc
AUTHOR ADDRESS: Univ London Imperial Coll Sci Technol and Med, Kennedy Inst, Div Rheumatol, Fac Med, 1 Aspenlea Rd, London W6 8LH, UK**UK
AUTHOR E-MAIL ADDRESS: evangelos.andreakos@imperial.ac.uk
JOURNAL: Frontiers in Bioscience 10 (Suppl. S): p2478-2488 SEP 1 2005 2005
ISSN: 1093-9946
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/13 (Item 13 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

18583425 BIOSIS NO.: 200510277925
Role of the leukemia-inhibitory factor gene mutations in infertile women: The embryo-endometrial cytokine cross talk during implantation - a delicate homeostatic equilibrium
AUTHOR: Kralickova M (Reprint); Sima P; Rokyta Z
AUTHOR ADDRESS: Charles Univ, Univ Hosp, Fac Med, Dept Obstet and Gynecol, Pilsen 30166, Czech Republic**Czech Republic
AUTHOR E-MAIL ADDRESS: milena5m@seznam.cz
JOURNAL: Folia Microbiologica 50 (3): p179-186 2005 2005
ISSN: 0015-5632
DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract
LANGUAGE: English

3/3/14 (Item 14 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

17936901 BIOSIS NO.: 200400307658
The pathophysiology of chronic graft-versus-host disease
AUTHOR: Kansu Emin (Reprint)
AUTHOR ADDRESS: Inst OncolHematopoiet Stem Cell Transplantat Unit, Hacettepe Univ, TR-06100, Ankara, Turkey**Turkey
AUTHOR E-MAIL ADDRESS: ekansu@ada.net.tr
JOURNAL: International Journal of Hematology 79 (3): p209-215 April 2004 2004
MEDIUM: print
ISSN: 0925-5710 _(ISSN print)
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/15 (Item 15 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

17334461 BIOSIS NO.: 200300292280
Adenoviral delivery of IL-18 binding protein C ameliorates Collagen-Induced Arthritis in mice.
AUTHOR: Smeets R L; van de Loo F A J (Reprint); Arntz O J; Bennink M B; Joosten L A B; van den Berg W B
AUTHOR ADDRESS: Rheumatology Research Laboratory, University Medical Center Nigmegen, 6500 HB, Nijmegen, Netherlands**Netherlands
JOURNAL: Gene Therapy 10 (12): p1004-1011 June 2003 2003
MEDIUM: print
ISSN: 0969-7128 _(ISSN print)
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/16 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

17225292 BIOSIS NO.: 200300184011
Anti-1nterleukin-18 therapy in murine models of inflammatory bowel disease.
AUTHOR: Lochner Matthias; Forster Irmgard (Reprint)
AUTHOR ADDRESS: Institut fuer Medizinische Mikrobiologie, Immunologie und Hygiene, Trogerstrasse 4b, D-81675, Muenchen, Germany**Germany
AUTHOR E-MAIL ADDRESS: i.foerster@lrz.tu-muenchen.de
JOURNAL: Pathobiology 70 (3): p164-169 February 2002-2003 2002
MEDIUM: print
ISSN: 1015-2008
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/17 (Item 17 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

17151939 BIOSIS NO.: 200300110658
Potential therapeutic role for cytokine or adhesion molecule manipulation in Crohn's disease: In the shadow of infliximab?
AUTHOR: Shand Alan; Forbes Alastair (Reprint)
AUTHOR ADDRESS: St Mark's Hospital, Watford Road, Harrow, HA1 3UJ, UK**UK
AUTHOR E-MAIL ADDRESS: alastair.forbes@ic.ac.uk
JOURNAL: International Journal of Colorectal Disease 18 (1): p1-11 January 2003 2003
MEDIUM: print
ISSN: 0179-1958 _(ISSN print)
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/18 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

16679308 BIOSIS NO.: 200200272819
Immunoregulatory functions of interleukin 18 and its role in defense against bacterial pathogens
AUTHOR: Biet Franck; Locht Camille; Kremer Laurent (Reprint)
AUTHOR ADDRESS: Laboratoire de Microbiologie Genetique et Moleculaire, Institut National de la Sante et de la Recherche Medicale U447, Institut Pasteur de Lille, 1 Rue du Professeur Calmette, 59021, Lille, France** France
JOURNAL: Journal of Molecular Medicine (Berlin) 80 (3): p147-162 March, 2002 2002
MEDIUM: print
ISSN: 0946-2716
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/19 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

16555521 BIOSIS NO.: 200200149032
Viral binding proteins as antibody surrogates in immunoassays of cytokines
AUTHOR: Bai Hongdong; Buller R Mark L (Reprint); Chen Nanhai; Boyle Michael D P
AUTHOR ADDRESS: Department of Molecular Microbiology and Immunology, St. Louis University Health Sciences Center, 1402 S Grand Boulevard, Room M410, Saint Louis, MO, 63104, USA**USA
JOURNAL: Biotechniques 32 (1): p160-171 January, 2002 2002
MEDIUM: print
ISSN: 0736-6205
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/20 (Item 20 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

15509944 BIOSIS NO.: 200000228257
Anti-inflammatory cytokines
AUTHOR: Opal Steven M (Reprint); DePalo Vera A
AUTHOR ADDRESS: Infectious Disease Division, Memorial Hospital of Rhode Island, 111 Brewster St, Pawtucket, RI, 02860, USA**USA
JOURNAL: Chest 117 (4): p1162-1172 April, 2000 2000
MEDIUM: print
ISSN: 0012-3692
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

3/3/21 (Item 21 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

14510751 BIOSIS NO.: 199800304998
Examining a paradox in the pathogenesis of human pulmonary tuberculosis: Immune activation and suppression/anergy
AUTHOR: Vanham G (Reprint); Toossi Z; Hirsch C S; Wallis R S; Schwander S K ; Rich E A; Ellner J J
AUTHOR ADDRESS: Lab. Immunol., Dep. Microbiol., Inst. Trop. Med., Nationalestraat 155, B-2000 Antwerp, Belgium**Belgium
JOURNAL: Tubercle and Lung Disease 78 (3-4): p145-158 1997 1997
MEDIUM: print
ISSN: 0962-8479
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/22 (Item 22 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)

14477967 BIOSIS NO.: 199800272214
Natural and therapeutically-induced antibodies to cytokines
AUTHOR: Revoltella Roberto P (Reprint)
AUTHOR ADDRESS: Inst. Mutagenesis Differentiation, CNR, Via Svezio, 2a, 56124 Pisa, Italy**Italy
JOURNAL: Biotherapy (Dordrecht) 10 (4): p321-331 1998 1998
MEDIUM: print
ISSN: 0921-299X
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

3/3/23 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE

0083291131 EMBASE No: 2009509790
Recent update on acute kidney injury and critical dialysis
Kuo C.-C.; Chou Y.-H.; Lee P.-H.; Chen C.-H.; Wang C.-L.; Tsai P.-R.; Wu V.-C.; Lin S.-L.; Chen Y.-M.; Wu K.-D.; Tsai T.-J.; Ko W.-J.; Wu M.-S.
Department of Internal Medicine, National Taiwan University Hospital, Taipei, Republic of China (ROC); NSARF Study Group, National Taiwan

University Hospital, Surgical Intensive Care Unit
CORRESP. AUTHOR/AFFIL: Kuo C.-C.: Department of Internal Medicine, National Taiwan University Hospital, Taipei, Republic of China (ROC)

Journal of Internal Medicine of Taiwan (J. Intern. Med. Taiwan) (Republic of China (ROC)) August 1, 2009, 20/4 (320-334)
CODEN: JIMTB ISSN: 1016-7390
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: Chinese SUMMARY LANGUAGE: English; Chinese
NUMBER OF REFERENCES: 116

3/3/24 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0083210986 EMBASE No: 2009467514
IL-18 and skin inflammation
Wittmann M.; Macdonald A.; Renne J.
Institute of Molecular and Cellular Biology, Faculty of Biological Sciences, University of Leeds, Leeds, United Kingdom; Department of Immunodermatology and Allergy Research, Hannover Medical School, Hannover, Germany
AUTHOR EMAIL: M.Wittmann@leeds.ac.uk
CORRESP. AUTHOR/AFFIL: Wittmann M.: Institute of Molecular and Cellular Biology, Faculty of Biological Sciences, University of Leeds, Leeds, United Kingdom
CORRESP. AUTHOR EMAIL: M.Wittmann@leeds.ac.uk

Autoimmunity Reviews (Autoimmun. Rev.) (Netherlands) September 1, 2009, 9/1 (45-48)
CODEN: ARUEB ISSN: 1568-9972
PUBLISHER ITEM IDENTIFIER: S1568997209000780
DOI: 10.1016/j.autrev.2009.03.003
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 38

3/3/25 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0083209592 EMBASE No: 2009441529
TIR8/SIGIRR: an IL-1R/TLR family member with regulatory functions in inflammation and T cell polarization
Garlanda C.; Anders H.-J.; Mantovani A.
Istituto Clinico Humanitas, IRCCS, Department of Immunology and Inflammation, Rozzano, Milan, Italy
AUTHOR EMAIL: cecilia.garlanda@humanitas.it; alberto.mantovani@humanitas.it
CORRESP. AUTHOR/AFFIL: Garlanda C.: Istituto Clinico Humanitas, IRCCS, Department of Immunology and Inflammation, Rozzano, Milan, Italy
CORRESP. AUTHOR EMAIL: cecilia.garlanda@humanitas.it

Trends in Immunology (Trends Immunol.) (United Kingdom) September 1, 2009, 30/9 (439-446)
CODEN: TIRMA ISSN: 1471-4906
PUBLISHER ITEM IDENTIFIER: S1471490609001380
DOI: 10.1016/j.it.2009.06.001
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract

LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 76

3/3/26 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0083184234 EMBASE No: 2009426669
The effect of Il-12 and Il-8 on the UV-induced immunosuppression and UV-induced immunotolerance - Similarities and differences
Majewski S.; Owczarek W.; Paluchowska E.
Department of Dermatology, Central Clinical Hospital of the Ministry of National Defence, Military Institute of the Health Services, Warsaw, Poland
CORRESP. AUTHOR/AFFIL: Majewski S.: Department of Dermatology, Central Clinical Hospital of the Ministry of National Defence, Military Institute of the Health Services, Warsaw, Poland

International Review of Allergology and Clinical Immunology (Int. Rev. Allergol. Clin. Immunol.) (Poland) September 14, 2009, 15/1-2 (42-44)
CODEN: IRAIF ISSN: 1232-9142
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English; Polish
NUMBER OF REFERENCES: 18

3/3/27 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0083078046 EMBASE No: 2009312496
Interleukin 18 in the heart
Wang M.; Markel T.A.; Meldrum D.R.
Departments of Surgery and Cellular and Integrative Physiology, Indiana University, School of Medicine, Indianapolis, IN
AUTHOR EMAIL: dmeldrum@iupui.edu
CORRESP. AUTHOR/AFFIL: Meldrum D. R.: Departments of Surgery and Cellular and Integrative Physiology, Indiana University, School of Medicine, Indianapolis, IN
CORRESP. AUTHOR EMAIL: dmeldrum@iupui.edu

Shock (Shock) (United States) July 1, 2008, 30/1 (3-10)
CODEN: SAGUA ISSN: 1073-2322
DOI: 10.1097/SHK.0b013e318160f215
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 119

3/3/28 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0082871757 EMBASE No: 2009104081
The role of interleukin 18 in the pathogenesis of hypertension-induced vascular disease
Rabkin S.W.
Department of Medicine, University of British Columbia, Vancouver, BC, Canada
CORRESP. AUTHOR/AFFIL: Rabkin S.W.: Department of Medicine, University of

British Columbia, Vancouver, BC, Canada

Nature Clinical Practice Cardiovascular Medicine (Nat. Clin. Pract. Cardiovasc. Med.) (United Kingdom) March 10, 2009, 6/3 (192-199)
ISSN: 1743-4297 eISSN: 1743-4300
PUBLISHER ITEM IDENTIFIER: NCPCARDIO1453
DOI: 10.1038/ncpcardio1453
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 70

3/3/29 (Item 7 from file: 73)
DIALOG(R)File 73:EMBASE

0082559597 EMBASE No: 2008375697
Cytokines and atherosclerosis: A comprehensive review of studies in mice
Kleemann R.; Zadelaar S.; Kooistra T.
TNO-BioSciences, Gaubius-Laboratory, Department of Vascular and Metabolic Diseases, PO Box 2215, 2301 CE Leiden, Netherlands
AUTHOR EMAIL: robert.kleemann@tno.nl
CORRESP. AUTHOR/AFFIL: Kleemann R.: TNO-BioSciences, Gaubius-Laboratory, Department of Vascular and Metabolic Diseases, PO Box 2215, 2301 CE Leiden, Netherlands
CORRESP. AUTHOR EMAIL: robert.kleemann@tno.nl

Cardiovascular Research (Cardiovasc. Res.) (United Kingdom) August 1, 2008, 79/3 (360-376)
CODEN: CVREA ISSN: 0008-6363 eISSN: 1755-3245
DOI: 10.1093/cvr/cvn120
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 96

3/3/30 (Item 8 from file: 73)
DIALOG(R)File 73:EMBASE

0082532328 EMBASE No: 2008337535
IL-1, IL-18, and IL-33 families of cytokines
Arend W.P.; Palmer G.; Gabay C.
Division of Rheumatology, University of Colorado Denver, School of Medicine, Denver, CO, United States; Division of Rheumatology B115, School of Medicine, University of Colorado Denver, 1775 North Ursula St., Aurora, CO 80045, United States
AUTHOR EMAIL: william.arend@uchsc.edu
CORRESP. AUTHOR/AFFIL: Arend W. P.: Division of Rheumatology B115, School of Medicine, University of Colorado Denver, 1775 North Ursula St., Aurora, CO 80045, United States
CORRESP. AUTHOR EMAIL: william.arend@uchsc.edu

Immunological Reviews (Immunol. Rev.) (United Kingdom) June 1, 2008, 223/1 (20-38)
CODEN: IMRED ISSN: 0105-2896 eISSN: 1600-065X
DOI: 10.1111/j.1600-065X.2008.00624.x
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 204

3/3/31 (Item 9 from file: 73)
DIALOG(R)File 73:EMBASE
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0082480506 EMBASE No: 2008321293
IL-1 cytokines in cardiovascular disease: Diagnostic, prognostic and therapeutic implications
Apostolakis S.; Vogiatzi K.; Krambovitis E.; Spandidos D.A.
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Cardiovascular and Hematological Agents in Medicinal Chemistry (cardiovasc. Hematol. Agents Med. Chem.) (Netherlands) April 1, 2008, 6/2 (150-158)
ISSN: 1871-5257
DOI: 10.2174/187152508783955006
URL: http://www.ingentaconnect.com/content/ben/chamc/2008/00000006/00000002/art00008
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 139

3/3/32 (Item 10 from file: 73)
DIALOG(R)File 73:EMBASE
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0082264147 EMBASE No: 2008057549
Biological agents targeting interleukin-18
Jelusic M.; Lukic I.K.; Batinic D.
Zagreb University School of Medicine, Zagreb University Hospital Centre, Departments of Paediatrics, Anatomy and Clinical Laboratory Diagnostics; Division of Paediatric Rheumatology, Department of Paediatrics, Zagreb University Hospital Centre, Salata 4, Zagreb, HR-10000, Croatia
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Drug News and Perspectives (Drug News Perspect.) (Spain) October 1, 2007, 20/8 (485-494)
CODEN: DNPEE ISSN: 0214-0934
DOI: 10.1358/dnp.2007.20.8.1157617
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 176

3/3/33 (Item 11 from file: 73)
DIALOG(R)File 73:EMBASE
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0082074992 EMBASE No: 2007509554

Interleukin-18: A pro-inflammatory cytokine that plays an important role in acute pancreatitis
Yuan B.-S.; Zhu R.-M.; Braddock M.; Zhang X.-H.; Shi W.; Zheng M.-H.
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Expert Opinion on Therapeutic Targets (Expert Opin. Ther. Targets) (United Kingdom) October 1, 2007, 11/10 (1261-1271)
CODEN: EOTTA ISSN: 1472-8222
DOI: 10.1517/14728222.11.10.1261
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 128

3/3/34 (Item 12 from file: 73)
DIALOG(R)File 73:EMBASE

0081986420 EMBASE No: 2007420769
Pro-inflammatory cytokines and their effects in the dentate gyrus
ISSUE TITLE: The Dentate Gyrus: A Comprehensive Guide to Structure, Function, and Clinical Implications
Pickering M.; O'Connor J.J.
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EDITOR(S): Scharfman H.S.
Columbia University, College of Physicians and Surgeons, State Department of Health, Helen Hayes Hospital, New York, United States

Progress in Brain Research (Prog. Brain Res.) (Netherlands) September 25, 2007, 163/- (339-354)
CODEN: PBRRA ISSN: 0079-6123 ISBN: 0444530150 ISBN: 9780444530158
PUBLISHER ITEM IDENTIFIER: S0079612307630209
DOI: 10.1016/S0079-6123(07)63020-9
DOCUMENT TYPE: Book Series; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 124

3/3/35 (Item 13 from file: 73)
DIALOG(R)File 73:EMBASE

0081980050 EMBASE No: 2007414390
The neuroimmune basis of anti-inflammatory acupuncture
Kavoussi B.; Ross B.E.
Southern California University of Health Sciences, College of Acupuncture and Oriental Medicine, Whittier, CA, United States; PO Box 72854, Davis, CA 95617, United States

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Integrative Cancer Therapies (Integr. Cancer Ther.) (United States) September 1, 2007, 6/3 (251-257)
CODEN: ICTNA ISSN: 1534-7354 eISSN: 1552-695X
DOI: 10.1177/1534735407305892
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 75

3/3/36 (Item 14 from file: 73)
DIALOG(R)File 73:EMBASE
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0081763000 EMBASE No: 2007196963
TCRzeta mRNA splice variant forms observed in the peripheral blood T cells from systemic lupus erythematosus patients
Tsuzaka K.; Nozaki K.; Kumazawa C.; Shiraishi K.; Setoyama Y.; Yoshimoto K.; Abe T.; Takeuchi T.
Department of Internal Medicine, Saitama Medical Center, Saitama Medical University, 1981 Kamoda, Kawagoe, Saitama 350-8550, Japan; Project Research Division, Research Center for Genomic Medicine, Saitama Medical University, 1397-1 Yamane, Hidaka, Saitama 350-1241, Japan
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Springer Seminars in Immunopathology (Springer Semin. Immunopathol.) (Germany) October 1, 2006, 28/2 (185-193)
CODEN: SSIMD ISSN: 0344-4325
DOI: 10.1007/s00281-006-0035-2
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 54

3/3/37 (Item 15 from file: 73)
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0081725024 EMBASE No: 2007158831
The role of the purinergic P2X SUB 7 receptor in inflammation
Lister M.F.; Sharkey J.; Sawatzky D.A.; Hodgkiss J.P.; Davidson D.J.; Rossi A.G.; Finlayson K.
MRC Centre for Inflammation Research, Queen's Medical Research Institute, University of Edinburgh, 47 Little France Crescent, Edinburgh, EH16 4TJ, United Kingdom
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Journal of Inflammation (J. Inflamm.) (United Kingdom) April 23, 2007
, 4/-
eISSN: 1476-9255
DOI: 10.1186/1476-9255-4-5
ARTICLE NUMBER: 5
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 150

3/3/38 (Item 16 from file: 73)
DIALOG(R)File 73:EMBASE
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0081596314 EMBASE No: 2007029609
Interleukin-18 as a potential therapeutic target in chronic autoimmune/inflammatory conditions
Bombardieri M.; McInnes I.B.; Pitzalis C.
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Expert Opinion on Biological Therapy (Expert Opin. Biol. Ther.) (United Kingdom) January 1, 2007, 7/1 (31-40)
CODEN: EOBTA ISSN: 1471-2598
DOI: 10.1517/14712598.7.1.31
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 74

3/3/39 (Item 17 from file: 73)
DIALOG(R)File 73:EMBASE
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0081430020 EMBASE No: 2006493014
Interleukin-18: A proinflammatory cytokine in HIV-1 infection
Torre D.; Pugliese A.
Section of Infectious Diseases, General Hospital Cittiglio, University of Turin, Via Luvini 1, 21033 Cittiglio Varese, Italy; Department of Medical and Surgical Sciences, Section of Clinical Microbiology, University of Turin, Turin, Italy
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Current HIV Research (Curr. HIV Res.) (Netherlands) October 1, 2006, 4/4 (423-430)
CODEN: CHRUB ISSN: 1570-162X
DOI: 10.2174/157016206778559993
URL: http://www.ingentaconnect.com/content/ben/chr/2006/00000004/00000004/art00004
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English

NUMBER OF REFERENCES: 78

3/3/40 (Item 18 from file: 73)
DIALOG(R)File 73:EMBASE
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0081329970 EMBASE No: 2006392415
Treatment of rheumatoid arthritis with rituximab: An update and possible indications
De Vita S.; Quartuccio L.
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Autoimmunity Reviews (Autoimmun. Rev.) (Netherlands) August 1, 2006, 5/7 (443-448)
CODEN: AREEB ISSN: 1568-9972
PUBLISHER ITEM IDENTIFIER: S1568997206000243
DOI: 10.1016/j.autrev.2006.02.007
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 33

3/3/41 (Item 19 from file: 73)
DIALOG(R)File 73:EMBASE
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0081098103 EMBASE No: 2006159851
The cytokine network during embryo implantation
Huang H.-Y.
Department of Obstetrics, Chang Gung Memorial Hospital, Taipei, Taiwan, Province of China; Department of Obstetrics, College of Medicine, Chang Gung University, Taoyuan, Taiwan, Province of China; Department of Obstetrics, Chang Gung Memorial Hospital, 5, Fushing Street, Gueishan Shiang, Taoyuan 333, Taiwan, Province of China
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Chang Gung Medical Journal (Chang Gung Med. J.) (Taiwan, Province of China) January 1, 2006, 29/1 SPEC. ISS. (25-36)
CODEN: CIHCE ISSN: 0255-8270
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English; Chinese
NUMBER OF REFERENCES: 117

3/3/42 (Item 20 from file: 73)
DIALOG(R)File 73:EMBASE
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0081013411 EMBASE No: 2006073388
HIV - Associated lipodystrophy in children
Krause J.C.; Toye M.P.; Stechenberg B.W.; Reiter E.O.; Allen H.F.
AUTHOR EMAIL: holley.allen@bhs.org

CORRESP. AUTHOR/AFFIL: Allen H.F.: Baystate Children's Hospital, Tufts University School of Medicine, Department of Pediatrics, 759 Chestnut Street, Springfield, MA 01199, United States
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Pediatric Endocrinology Reviews (Pediatr. Endocrinol. Rev.) (Israel) September 1, 2005, 3/1 (45-51)
ISSN: 1565-4753
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 77

3/3/43 (Item 21 from file: 73)
DIALOG(R)File 73:EMBASE

0080722307 EMBASE No: 2005366709
Caspases as drug targets in ischemic organ injury
Faubel S.; Edelstein C.L.
Division of Renal Diseases and Hypertension, Department of Medicine, University of Colorado Health Sciences Center, 4200 E 9th Ave., Denver, CO 80262, United States
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Current Drug Targets: Immune, Endocrine and Metabolic Disorders (Curr. Drug Targets: Immune, Endocr. Metab. Disord.) (Netherlands) September 1, 2005, 5/3 (269-287)
CODEN: CDTIB ISSN: 1568-0088
DOI: 10.2174/1568008054863754
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 123

3/3/44 (Item 22 from file: 73)
DIALOG(R)File 73:EMBASE

0080513751 EMBASE No: 2005157951
Inflammatory cytokines and atherosclerosis possible application for the gene therapy
Maeda Y.; Yoshioka T.; Ikeda U.
Cardiovascular Division, Department of Medicine, Jichi Medical School, Tochigi, Japan; Cardiovascular Division, Department of Medicine, Jichi Medical School, 3311-1Yakushiji Minamikawachi-machi, Kawachi-gun, Tochigi, Japan
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Vascular Disease Prevention (Vasc. Dis. Prev.) (Netherlands) April 1, 2005, 2/2 (115-120)
ISSN: 1567-2700
DOI: 10.2174/1567270053507183

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 47

3/3/45 (Item 23 from file: 73)
DIALOG(R)File 73:EMBASE
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0080473492 EMBASE No: 2005117650
Mucosal adjuvants
Stevceva L.; Ferrari M.G.
Dept. of Pathol. Anat./Cell Biology, Thomas Jefferson University, J. Alumni Hall, 1020 Locust St., Philadelphia, PA 19107, United States
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Current Pharmaceutical Design (Curr. Pharm. Des.) (Netherlands) March 23, 2005, 11/6 (801-811)
CODEN: CPDEF ISSN: 1381-6128
DOI: 10.2174/1381612053381846
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 104

3/3/46 (Item 24 from file: 73)
DIALOG(R)File 73:EMBASE
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0080303920 EMBASE No: 2004489691
Interleukin-18: Recent advances
Reddy P.
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Current Opinion in Hematology (Curr. Opin. Hematol.) (United States) November 1, 2004, 11/6 (405-410)
CODEN: COHEF ISSN: 1065-6251
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DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 81

3/3/47 (Item 25 from file: 73)
DIALOG(R)File 73:EMBASE
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0080230136 EMBASE No: 2004409482
Adjunctive immunotherapy of mycobacterial infections

Tomioka H.
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Current Pharmaceutical Design (Curr. Pharm. Des.) (Netherlands) October 8, 2004, 10/26 (3297-3312)
CODEN: CPDEF ISSN: 1381-6128
DOI: 10.2174/1381612043383232
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 110

3/3/48 (Item 26 from file: 73)
DIALOG(R)File 73:EMBASE
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0080185966 EMBASE No: 2004478142
Tumor necrosis factor-mediated inhibition of interleukin-18 in the brain: A clinical and experimental study in head-injured patients and in a murine model of closed head injury
Schmidt O.I.; Morganti-Kossmann M.C.; Heyde C.E.; Perez D.; Yatsiv I.; Shohami E.; Ertel W.; Stahel P.F.
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Journal of Neuroinflammation (J. Neuroinflamm.) (United Kingdom) July 28, 2004, 1/- (12)
ISSN: 1742-2094
DOI: 10.1186/1742-2094-1-13
URL: http://www.jneuroinflammation.com/content/1/1/13
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 34

3/3/49 (Item 27 from file: 73)
DIALOG(R)File 73:EMBASE
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0080050884 EMBASE No: 2004236033
Interleukin-18 and the treatment of rheumatoid arthritis
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Rheumatic Disease Clinics of North America (Rheum. Dis. Clin. North Am.) (United States) May 1, 2004, 30/2 (417-434)
CODEN: RDCAE ISSN: 0889-857X
DOI: 10.1016/j.rdc.2004.02.001
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 73

3/3/50 (Item 28 from file: 73)
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0079940940 EMBASE No: 2004125963
Potential new strategies to prevent the development of diabetic retinopathy
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Expert Opinion on Investigational Drugs (Expert Opin. Invest. Drugs) (United Kingdom) March 1, 2004, 13/3 (189-198)
CODEN: EOIDE ISSN: 1354-3784
DOI: 10.1517/eoid.13.3.189.27351
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 85

3/3/51 (Item 29 from file: 73)
DIALOG(R)File 73:EMBASE
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0079759742 EMBASE No: 2003469920
Interleukin 18 and its role in autoimmune diseases
Voulgari P.V.; Drosos A.A.
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Archives of Hellenic Medicine (Arch. Hell. Med.) (Greece) March 1, 2003, 20/2 (172-181)
CODEN: AEIAF ISSN: 1105-3992
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: Greek SUMMARY LANGUAGE: English; Greek
NUMBER OF REFERENCES: 72

3/3/52 (Item 30 from file: 73)
DIALOG(R)File 73:EMBASE
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0079665247 EMBASE No: 2003373938
CrmA gene expression protects mice against concanavalin-A-induced hepatitis by inhibiting IL-18 secretion and hepatocyte apoptosis
Fujino M.; Kawasaki M.; Funeshima N.; Kitazawa Y.; Kosuga M.; Okabe K.; Hashimoto M.; Yaginuma H.; Mikoshiba K.; Okuyama T.; Suzuki S.; Li X.-K.
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Gene Therapy (Gene Ther.) (United Kingdom) September 1, 2003, 10/20 (1781-1790)
CODEN: GETHE ISSN: 0969-7128
DOI: 10.1038/sj.gt.3302067
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 62

3/3/53 (Item 31 from file: 73)
DIALOG(R)File 73:EMBASE

0079648253 EMBASE No: 2003356661
Critical role for cathepsin B in mediating caspase-1-dependent interleukin-18 maturation and caspase-1-independent necrosis triggered by the microbial toxin nigericin
Hentze H.; Lin X.Y.; Choi M.S.K.; Porter A.G.
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Cell Death and Differentiation (Cell Death Differ.) (United Kingdom) September 1, 2003, 10/9 (956-968)
CODEN: CDDIE ISSN: 1350-9047
DOI: 10.1038/sj.cdd.4401264
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 60

3/3/54 (Item 32 from file: 73)
DIALOG(R)File 73:EMBASE

0079628216 EMBASE No: 2003336329
Resistance and susceptibility to Salmonella infections: Lessons from mice and patients with immunodeficiencies
Mastroeni P.; Ugrinovic S.; Chandra A.; MacLennan C.; Doffinger R.; Kumararatne D.
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Reviews in Medical Microbiology (Rev. Med. Microbiol.) (United Kingdom)
April 1, 2003, 14/2 (53-62)
CODEN: RMEME ISSN: 0954-139X
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 80

3/3/55 (Item 33 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079607055 EMBASE No: 2003314813
Anti-inflammatory properties of pro-inflammatory interferon-gamma
Muhl H.; Pfeilschifter J.
Pharmazentrum Frankfurt, Univ. Hosp. Johann Wolfgang Goethe, Universitat Frankfurt am Main, Theodor-Stern-Kai 7, D-60590 Frankfurt am Main, Germany
AUTHOR EMAIL: H.Muehl@em.uni-frankfurt.de
CORRESP. AUTHOR/AFFIL: Muhl H.: Pharmazentrum Frankfurt, Univ. Hosp. Johann Wolfgang Goethe, Universitat Frankfurt am Main, Theodor-Stern-Kai 7, D-60590 Frankfurt am Main, Germany
CORRESP. AUTHOR EMAIL: H.Muehl@em.uni-frankfurt.de

International Immunopharmacology (Int. Immunopharmacol.) (Netherlands)
September 1, 2003, 3/9 (1247-1255)
CODEN: IINMB ISSN: 1567-5769
DOI: 10.1016/S1567-5769(03)00131-0
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 124

3/3/56 (Item 34 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079524490 EMBASE No: 2003230769
Antibody therapy for rheumatoid arthritis
Taylor P.C.
Kennedy Inst. of Rheumatology Div., Faculty of Medicine, Imperial College London, 1 Aspenlea Road, London W6 8LH, United Kingdom
AUTHOR EMAIL: peter.c.taylor@ic.ac.uk
CORRESP. AUTHOR/AFFIL: Taylor P.C.: Kennedy Inst. of Rheumatology Div., Faculty of Medicine, Imperial College London, 1 Aspenlea Road, London W6 8LH, United Kingdom
CORRESP. AUTHOR EMAIL: peter.c.taylor@ic.ac.uk

Current Opinion in Pharmacology (Curr. Opin. Pharmacol.) (United Kingdom) June 1, 2003, 3/3 (323-328)
CODEN: COPUB ISSN: 1471-4892
PUBLISHER ITEM IDENTIFIER: S1471489203000328
DOI: 10.1016/S1471-4892(03)00032-8
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 43

3/3/57 (Item 35 from file: 73)

DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079517067 EMBASE No: 2003223216
Interleukin 18 and interleukin 18 binding protein: Possible role in immunosuppression of chronic renal failure
Dinarello C.A.; Novick D.; Rubinstein M.; Lonnemann G.
Univ. of CO Health Sciences Center, Denver, CO, United States; Department of Medicine, B168, Univ. of CO Health Sciences Center, 4200 East 9th Ave., Denver, CO 80262, United States
CORRESP. AUTHOR/AFFIL: Dinarello C.A.: Department of Medicine, B168, Univ. of CO Health Sciences Center, 4200 East 9th Ave., Denver, CO 80262, United States

Blood Purification (Blood Purif.) (Switzerland) June 16, 2003, 21/3 (258-270)
CODEN: BLPUD ISSN: 0253-5068
DOI: 10.1159/000070699
DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 81

3/3/58 (Item 36 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079472029 EMBASE No: 2003177377
Viral modulation of cell death by inhibition of caspases
Cassens U.; Lewinski G.; Samraj A.K.; Von Bernuth H.; Baust H.; Khazaie K.; Los M.
Institute of Transfusion Medicine, University of Munster, D-48149 Munster, Germany
AUTHOR EMAIL: los@uni-muenster.de
CORRESP. AUTHOR/AFFIL: Los M.: Inst. of Experimental Dermatology, University of Munster, Roentgenstr. 21, D-48149 Munster, Germany
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Archivum Immunologiae et Therapiae Experimentalis (Arch. Immunol. Ther. Exp.) (Poland) May 15, 2003, 51/1 (19-27)
CODEN: AITEA ISSN: 0004-069X
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 93

3/3/59 (Item 37 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079455947 EMBASE No: 2003161001
Anti-cytokines and cytokines in the treatment of rheumatoid arthritis
Taylor P.C.
Kennedy Inst. Rheumatology Division, Faculty of Medicine, Imperial College London, 1 Aspenlea Road, London W6 8LH, United Kingdom
AUTHOR EMAIL: peter.c.taylor@ic.ac.uk
CORRESP. AUTHOR/AFFIL: Taylor P.C.: Kennedy Inst. Rheumatology Division, Faculty of Medicine, Imperial College London, 1 Aspenlea Road, London W6 8LH, United Kingdom
CORRESP. AUTHOR EMAIL: peter.c.taylor@ic.ac.uk

Current Pharmaceutical Design (Curr. Pharm. Des.) (Netherlands) April 29, 2003, 9/14 (1095-1106)
CODEN: CPDEF ISSN: 1381-6128
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 119

3/3/60 (Item 38 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079368209 EMBASE No: 2003071729
Anti-interleukin-18 therapy in murine models of inflammatory bowel disease
Lochner M.; Forster I.
Inst. Med. Microbiol. Immunol./Hyg., Department of Internal Medicine II, Technical University of Munich, Munich, Germany
AUTHOR EMAIL: foerster@lrz.tu-muenchen.de
CORRESP. AUTHOR/AFFIL: Forster I.: Inst. Med. Mikrobiol., Immunol./Hyg., Trogerstrasse 4b, D-81675 Munchen, Germany
CORRESP. AUTHOR EMAIL: i.foerster@lrz.tu-muenchen.de

Pathobiology (Pathobiology) (Switzerland) February 19, 2003, 70/3 (164-169)
CODEN: PATHE ISSN: 1015-2008
DOI: 10.1159/000068149
DOCUMENT TYPE: Journal; Conference Paper RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 53

3/3/61 (Item 39 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079355746 EMBASE No: 2003059116
Differential requirements for JAK2 and TYK2 in T cell proliferation and IFN-gamma production induced by IL-12 alone or together with IL-18
Sugimoto N.; Nakahira M.; Ahn H.-J.; Micallef M.; Hamaoka T.; Kurimoto M.; Fujiwara H.
Department of Oncology, Osaka Univ. Graduate School of Med., 2-2 Yamada-oka, Suita, Osaka 565-0871, Japan
AUTHOR EMAIL: hf@ongene.med.osaka-u.ac.jp
CORRESP. AUTHOR/AFFIL: Fujiwara H.: Department of Oncology, Osaka Univ. Graduate School of Med., 2-2 Yamada-oka, Suita, Osaka 565-0871, Japan
CORRESP. AUTHOR EMAIL: hf@ongene.med.osaka-u.ac.jp

European Journal of Immunology (Eur. J. Immunol.) (Germany) January 1, 2003, 33/1 (243-251)
CODEN: EJIMA ISSN: 0014-2980
DOI: 10.1002/immu.200390027
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 27

3/3/62 (Item 40 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0079306258 EMBASE No: 2003009038
The role of IL-18 and IL-12 in the modulation of matrix metalloproteinases and their tissue inhibitors in monocytic cells
Abraham M.; Shapiro S.; Lahat N.; Miller A.
Neuroimmunology Unit, Immunology Research Units, Technion - Israel Inst. Technology, Haifa, Israel; Faculty of Medicine, Technion - Israel Inst. Technology, Haifa, Israel
AUTHOR EMAIL: millera@tx.technion.ac.il
CORRESP. AUTHOR/AFFIL: Miller A.: Neuroimmunology Unit, Department of Neurology, Carmel Medical Center, 7 Michal Street, Haifa 34362, Israel
CORRESP. AUTHOR EMAIL: millera@tx.technion.ac.il

International Immunology (Int. Immunol.) (United Kingdom) December 1, 2002, 14/12 (1449-1457)
CODEN: INIME ISSN: 0953-8178
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 60

3/3/63 (Item 41 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0078852589 EMBASE No: 2002016231
Novel pro-inflammatory interleukins: Potential therapeutic targets in rheumatoid arthritis
Bessis N.; Boissier M.-C.
UPRES EA-3408 Et Formation De Recherche En Immunopathologie Et Immuno-intervention Articulaires, Rheumatology Department (CHU Avicenne, AP-HP), UFR Leonard De Vinci Bobigny, universite Paris 13, France; UPRES EA-2361, UFR Leonard De Vinci, 74 rue Marcel Cachin, 93017 Bobigny Cedex, France
CORRESP. AUTHOR/AFFIL: Bessis N.: UPRES EA-2361, UFR Leonard de Vinci, 74 rue Marcel Cachin, 93017 Bobigny Cedex, France

Joint Bone Spine (Jt. Bone Spine) (France) December 1, 2001, 68/6 (477-481)
CODEN: JBSPF ISSN: 1297-319X
DOI: 10.1016/S1297-319X(01)00310-4
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 39

3/3/64 (Item 42 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0078748769 EMBASE No: 2001355103
Nitric oxide-releasing NSAIDs: A review of their current status
Fiorucci S.; Antonelli E.; Burgaud J.-L.; Morelli A.
Clin. Gastroenterol./Endosc. Digest., Policlinico Monteluce, 06100 Perugia, Italy
CORRESP. AUTHOR/AFFIL: Fiorucci S.: Clin. Gastroenterol./Endosc. Digest., Policlinico Monteluce, 06100 Perugia, Italy
CORRESP. AUTHOR EMAIL: fiorucci@unipg.it

Drug Safety (Drug Saf.) (New Zealand) October 22, 2001, 24/11 (801-811)

CODEN: DRSAE ISSN: 0114-5916
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 53

3/3/65 (Item 43 from file: 73)
DIALOG(R)File 73:EMBASE
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0078637497 EMBASE No: 2001243822
Regulation of cytokine production by histamine through H SUB 2-receptor stimulation
Nishibori M.; Kohka-Takahashi H.; Mori S.
Department of Pharmacology, Graduate Sch. of Med. and Dent., Okayama University, Okayama 700-8558, Japan
CORRESP. AUTHOR/AFFIL: Nishibori M.: Department of Pharmacology, Graduate Sch. of Med. and Dent., Okayama University, Okayama 700-8558, Japan
CORRESP. AUTHOR EMAIL: mbori@md.okayama-u.ac.jp

Folia Pharmacologica Japonica (Folia Pharmacol. Jpn.) (Japan) July 24, 2001, 118/1 (29-35)
CODEN: NYKZA ISSN: 0015-5691
DOI: 10.1254/fpj.118.29
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: Japanese SUMMARY LANGUAGE: English; Japanese
NUMBER OF REFERENCES: 26

3/3/66 (Item 44 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0077958519 EMBASE No: 2000007665
The critical role of IL-12 and the IL-12Rbeta2 subunit in the generation of pathogenic autoreactive Th1 cells
Shevach E.M.; Chang J.T.; Segal B.M.
Laboratory of Immunology, Natl. Inst. Allergy Infectious Dis., NIH, Blg 10., RM11N315, Bethesda, MD 20892, United States
CORRESP. AUTHOR/AFFIL: Shevach E.M.: Laboratory of Immunology, Natl. Inst. Allergy Infectious Dis., NIH, Blg 10., RM11N315, Bethesda, MD 20892, United States

Springer Seminars in Immunopathology (Springer Semin. Immunopathol.) (Germany) December 1, 1999, 21/3 (249-262)
CODEN: SSIMD ISSN: 0344-4325
DOI: 10.1007/s002810050066
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 50

3/3/67 (Item 45 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2009 Elsevier B.V. All rts. reserv.

0077883038 EMBASE No: 1999369370
Interleukin-18
Dinarello C.A.
Department of Medicine, Division of Infectious Diseases, Univ. of Colorado Hlth. Sci. Center, 4200 East Ninth Avenue, Denver, CO 80262,

United States
CORRESP. AUTHOR/AFFIL: Dinarello C.A.: Department of Medicine, Division Infectious Diseases, B168, Univ. Colorado Health Sciences Ctr., 4200 East Ninth Avenue, Denver, CO 80262, United States

Methods: A Companion to Methods in Enzymology (Methods Companion Methods Enzymol.) (United States) September 1, 1999, 19/1 (121-132)
CODEN: MTHDE ISSN: 1046-2023
DOI: 10.1006/meth.1999.0837
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 81

3/3/68 (Item 46 from file: 73)
DIALOG(R)File 73:EMBASE

0077626955 EMBASE No: 1999113121
Recent progress in studies of IL-18
Nakamura S.; Kurimoto M.; Orita K.
Fujisaki Cell Center, Hayashibara Biochemical Lab. Inc., 675-1 Fujisaki, Okayama 702-8006, Japan
CORRESP. AUTHOR/AFFIL: Nakamura S.: Fujisaki Cell Center, Hayashibara Biochemical Lab. Inc., 675-1 Fujisaki, Okayama 702-8006, Japan

Biotherapy (Biotherapy (Japan)) (Japan) April 14, 1999, 13/2 (139-146)
CODEN: BITPE ISSN: 0914-2223
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: Japanese SUMMARY LANGUAGE: English; Japanese
NUMBER OF REFERENCES: 29

3/3/69 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

17788330 PMID: 17367517 Record Identifier: PMC1838907
The role of the purinergic P2X7 receptor in inflammation.
Lister Martin F; Sharkey John; Sawatzky Deborah A; Hodgkiss Joseph P; Davidson Donald J; Rossi Adriano G; Finlayson Keith
MRC Centre for Inflammation Research, The Queen's Medical Research Institute, The University of Edinburgh, 47 Little France Crescent, Edinburgh, EH16 4TJ, UK. M.F.Lister@sms.ed.ac.uk
Journal of inflammation (London, England) (England) 2007, 4 p5, ISSN 1476-9255--Electronic Journal Code: 101232234
Publishing Model Electronic
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Other Citation Owner: NLM
Record type: PubMed not MEDLINE

3/3/70 (Item 2 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

16452443 PMID: 15761387
[Function of the interleukin-1 gene system in immunomodulation, apoptosis and proliferation in the male gonad]

Funkcja ukladu genow interleukiny 1 w procesach immunomodulacji, apoptozy i proliferacji w gonadzie meskiej.
Rozwadowska Natalia; Fiszer Dorota; Kurpisz Maciej
Instytut Genetyki Czlowieka PAN w Poznaniu.
Post py higieny i medycyny doswiadczalnej (Online) (Poland) Mar 7 2005, 59 p56-67, ISSN 1732-2693--Electronic Journal Code: 101206517
Publishing Model Print
Document type: English Abstract; Journal Article; Review
Languages: POLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

3/3/71 (Item 3 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

16299332 PMID: 15644584
The roles of cytokines, inflammation and immunity in vascular diseases.
Ohsuzu Fumitaka
The First Department of Medicine, National Defense Medical College, 3-2 Namiki, Tokorozawa, Saitama 359-0042, Japan. ohsuzu@ne.ndmc.ac.jp
Journal of atherosclerosis and thrombosis (Japan) 2004, 11 (6) p313-21, ISSN 1340-3478--Print Journal Code: 9506298
Publishing Model Print
Document type: Journal Article; Review
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

3/3/72 (Item 4 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

16294524 PMID: 15631310
Therapeutic approaches in inflammatory bowel disease based on the immunopathogenesis.
Siegmund B; Zeitz M
Department of Medicine I, Charite Universitatsmedizin Berlin, Campus Benjamin Franklin, Germany.
Roczniki Akademii Medycznej w Bialymstoku (1995) (Poland) 2004, 49 p22-30, Journal Code: 9515551
Publishing Model Print
Document type: Journal Article; Review
Languages: ENGLISH
Main Citation Owner: NLM
Record type: MEDLINE; Completed

3/3/73 (Item 5 from file: 155)
DIALOG(R)File 155:MEDLINE(R)

14930587 PMID: 12189722
Improvement of nonviral gene therapy by Epstein-Barr virus (EBV)-based plasmid vectors.
Mazda O
Department of Microbiology, Kyoto Prefectural University of Medicine, Kamikyo, Kyoto 602-8566, Japan. mazda@basic.kpu-m.ac.jp
Current gene therapy (Netherlands) Sep 2002, 2 (3) p379-92, ISSN

1566-5232--Print Journal Code: 101125446
  Publishing Model Print
  Document type: Journal Article; Research Support, Non-U.S. Gov't; Review
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: MEDLINE; Completed

 3/3/74   (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

  145101468   CA: 145(6)101468b   JOURNAL
  Interleukin-18 treatment options for inflammatory diseases
  AUTHOR(S): Dinarello, Charles A.; Kaplanski, Gilles
  LOCATION: Department of Medicine, Division of Infectious Diseases,
University of Colorado Health Sciences Center, Denver, CO, 80262, USA
  JOURNAL: Expert Rev. Clin. Immunol. (Expert Review of Clinical Immunology
) DATE: 2005 VOLUME: 1 NUMBER: 4 PAGES: 619-632 CODEN: ERCIBU ISSN:
1744-666X LANGUAGE: English PUBLISHER: Future Drugs Ltd.

 3/3/75   (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

  143095208   CA: 143(6)95208g   JOURNAL
  New cytokine inhibitors: anti-IL-12/IL-18 antibodies
  AUTHOR(S): Nakamura, Kazuhiko
  LOCATION: Graduate School of Medicine, Kyushu University, Japan,
  JOURNAL: G.I. Res. (G.I. Research) DATE: 2005 VOLUME: 13 NUMBER: 1
  PAGES: 43-48 CODEN: GIREFM ISSN: 0918-9408 LANGUAGE: Japanese
  PUBLISHER: Sentan Igakusha

 3/3/76   (Item 3 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

  140337427   CA: 140(21)337427k   JOURNAL
  Anti-CD3 sFv/IL-18 fusion DNA for allergy therapy
  AUTHOR(S): Salagianni, Maria; Kemeny, David M.
  LOCATION: Department of Asthma, Allergy and Respiratory Science, Guy's,
King's and St Thomas's School of Medicine, Kings College, London, UK,
  JOURNAL: Immunology (Immunology) DATE: 2003 VOLUME: 111 NUMBER: 1
  PAGES: 16-18 CODEN: IMMUAM ISSN: 0019-2805 LANGUAGE: English
  MEETING DATE: 20040000 PUBLISHER: Blackwell Publishing Ltd.

 3/3/77   (Item 4 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)
(c) 2009 American Chemical Society. All rts. reserv.

  138399988   CA: 138(26)399988m   JOURNAL
  Macrophage-derived IL-18 targeting for the treatment of Crohn's disease
  AUTHOR(S): Kanai, Takanori; Uraushihara, Koji; Totsuka, Teruji; Okazawa,
Akira; Hibi, Toshifumi; Oshima, Shigeru; Miyata, Tatsuya; Nakamura, Tetsuya
; Watanabe, Mamoru
  LOCATION: Department of Gastroenterology and Hepatology, Graduate School,
Tokyo Medical and Dental University, Tokyo, Japan, 113-8519
  JOURNAL: Curr. Drug Targets: Inflammation Allergy (Current Drug Targets:

Inflammation & Allergy) DATE: 2003 VOLUME: 2 NUMBER: 2 PAGES: 131-136
  CODEN: CDTICU ISSN: 1568-010X LANGUAGE: English PUBLISHER: Bentham
Science Publishers Ltd.
? t s3/7/4,9,16,28,32,38,46,48,49,51,66,67,74,75

 3/7/4   (Item 4 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
(c) 2009 The Thomson Corporation. All rts. reserv.

0019624154   BIOSIS NO.: 200700283895
IL-18 in autoimmunity: review
AUTHOR: Boraschi Diana (Reprint); Dinarello Charles A
AUTHOR ADDRESS: CNR, Lab Cytokines, Unit Immunobiol, Inst Biomed
  Technol,CNR,Area Ric Cataldo, Via G Moruzzi 1, I-56124 Pisa, Italy**Italy
AUTHOR E-MAIL ADDRESS: diana.boraschi@itb.cnr.it
JOURNAL: European Cytokine Network 17 (4): p224-252 DEC 2006 2006
ISSN: 1148-5493
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: IL-18 is among the cytokines responsible for immune-mediated
  pathologies and is probably one of the factors that contribute to the
  pathogenesis of autoimmune diseases. Identification of the causes of
  uncontrolled IL-18 production and activity in autoimmunity
  would allow for novel therapeutic targets to effectively
  block autoimmune activation and inhibit concomitant tissue
  damage.   ***IL*** - ***18***   is produced mainly by monocytes/macrophages in
  response to stimuli of viral/bacterial origin, its production being
  therefore one of the effects of innate immunity initiated by
  host-pathogen interaction. In this   ***review*** , we summarise the
  evidence supporting both the effector and the pathogenic role of IL-18 in
  autoimmunity, and propose that the disturbed mechanism of innate
  immunity, resulting from macrophage activation through innate immunity
  receptors (TLR/IL-IR family), may be the basis of pathologically high
  levels of IL-18 production and activation. Unravelling the mechanisms of
  IL-18 production and activity in autoimmune diseases will allow the
  identification of targets for more effective therapeutic
  intervention.

 3/7/9   (Item 9 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
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18972774   BIOSIS NO.: 200600318169
Agents against cytokine synthesis or receptors
AUTHOR: Yamagata Toshiyuki; Ichinose Masakazu (Reprint)
AUTHOR ADDRESS: Wakayama Med Univ, Dept Internal Med 3, Kimiidera 811-1,
  Wakayama 6418509, Japan**Japan
AUTHOR E-MAIL ADDRESS: masakazu@wakayama-med.ac.jp
JOURNAL: European Journal of Pharmacology 533 (1-3): p289-301 MAR 8 2006
2006
ISSN: 0014-2999
DOCUMENT TYPE: Article; Literature Review
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Various cytokines play a critical role in pathophysiology of
  chronic inflammatory lung diseases including asthma and chronic
  obstructive pulmonary disease (COPD). The increasing evidence of the

involvement of these cytokines in the development of airway inflammation raises the possibility that these cytokines may become the novel promising ***therapeutic*** targets. Studies concerning the inhibition of interleukin (IL)-4 have been discontinued despite promising early results in asthma. Although blocking antibody against IL-5 markedly reduces the infiltration of eosinophils in peripheral blood and airway, it does not seem to be effective in symptomatic asthma, while blocking IL-13 might be more effective. On the contrary, anti-inflammatory cytokines themselves Such as IL-10, IL-12, IL-18, IL-23 and interferon-gamma may have a ***therapeutic*** potential. ***Inhibition*** of TNF-alpha may also be useful in severe asthma or COPD. Many chemokines are also involved in the inflammatory response of asthma and COPD through the recruitment of inflammatory cells. Several small molecule inhibitors of chemokine receptors are now in development for the treatment of asthma and COPD. Antibodies that block IL-8 reduce neutrophilic inflammation. Chemokine M receptor antagonists, which block eosinophil chemotaxis, are now in clinical development for asthma ***therapy*** . As many cytokines are involved in the pathophysiology of inflammatory lung diseases, inhibitory agents of the synthesis of multiple cytokines may be more useful tools. Several Such agents are now in ***clinical*** development. (c) 2005 Elsevier B.V. All rights reserved.

17225292 BIOSIS NO.: 200300184011
Anti-1nterleukin-18 therapy in murine models of inflammatory bowel disease.
AUTHOR: Lochner Matthias; Forster Irmgard (Reprint)
AUTHOR ADDRESS: Institut fuer Medizinische Mikrobiologie, Immunologie und Hygiene, Trogerstrasse 4b, D-81675, Muenchen, Germany**Germany
AUTHOR E-MAIL ADDRESS: i.foerster@lrz.tu-muenchen.de
JOURNAL: Pathobiology 70 (3): p164-169 February 2002-2003 2002
MEDIUM: print
ISSN: 1015-2008
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English

ABSTRACT: Interleukin (IL)-18 is a cytokine with a broad array of effector functions, the most prominent of which is to act synergistically with IL-12 in interferon-gamma production and the induction of a strong T-helper-1-mediated immune response. In addition, IL-18 also upregulates the production of proinflammatory cytokines such as IL-1 and tumor necrosis factor-alpha. Analysis of IL-18-deficient mice revealed an important role of IL-18 in the activation of macrophages and natural killer cells in the context of infection with intracellular bacteria or parasites. In humans, it was reported that IL-18 is elevated at sites of inflammation in inflammatory bowel disease (IBD), particularly in Crohn's disease, suggesting a possible role for IL-18 in the development and persistence of IBD. In this ***review*** we summarize recent findings on the functional role of IL-18 in the pathogenesis of colitis with a special focus on murine models of IBD. The neutralizing mouse anti-mouse IL-18 antibodies generated in our group should facilitate the evaluation of the efficiency of therapeutic blockade of endogenous IL-18 in chronic mouse models of colitis besides the use of recombinant forms of the inhibitory ***IL*** - ***18*** -binding protein.

3/7/28 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE

0082871757 EMBASE No: 2009104081
The role of interleukin 18 in the pathogenesis of hypertension-induced vascular disease
Rabkin S.W.
Department of Medicine, University of British Columbia, Vancouver, BC, Canada
CORRESP. AUTHOR/AFFIL: Rabkin S.W.: Department of Medicine, University of British Columbia, Vancouver, BC, Canada

Nature Clinical Practice Cardiovascular Medicine (Nat. Clin. Pract. Cardiovasc. Med.) (United Kingdom) March 10, 2009, 6/3 (192-199)
ISSN: 1743-4297 eISSN: 1743-4300
PUBLISHER ITEM IDENTIFIER: NCPCARDIO1453
DOI: 10.1038/ncpcardio1453
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 70

Understanding the mechanism by which chronic high blood pressure induces vascular disease is of fundamental importance for prevention of the adverse consequences of hypertension. ***Clinical*** and population studies have consistently found increased circulating levels of interleukin 18 (***IL*** - ***18***) in ***patients*** with hypertension. Although obesity,
and possibly age, is a determinant of plasma IL-18 levels, the relationship of IL-18 to hypertension seems to be independent of these factors. Experimental evidence indicates that the expression of IL-18 and/or its receptor can be induced by catecholamines or angiotensin, two factors that are involved in the pathophysiology of hypertension. Elevated circulating IL-18 levels are associated with vascular changes in the carotid artery, including increased carotid intima-media thickness, which, in turn, is a predictor of cardiovascular events in patients with established coronary disease. IL-18, either directly or through oxidative stress pathways and matrix metalloproteins, can alter endothelial function or induce vascular smooth muscle cell migration and/or proliferation to produce the vascular changes that occur with hypertension. This Review examines the data on IL-18 and hypertensive vascular disease, and explores the potential cellular and molecular mechanisms that might connect hypertension to vascular disease.

3/7/32 (Item 10 from file: 73)
DIALOG(R)File 73:EMBASE

0082264147 EMBASE No: 2008057549
Biological agents targeting interleukin-18
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Drug News and Perspectives (Drug News Perspect.) (Spain) October 1, 2007, 20/8 (485-494)
CODEN: DNPEE ISSN: 0214-0934
DOI: 10.1358/dnp.2007.20.8.1157617
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 176
Interleukin (IL)-18 is an important regulator of both innate and acquired immune responses. It is upregulated in several human autoimmune and inflammatory diseases, and, therefore, might represent a novel ***therapeutic*** target. This ***review*** high-lights the biology of IL-18, its central role in inflammation and immune response, as well as provides evidence for the involvement of IL-18 in selected chronic inflammatory diseases. After that, the authors discuss various therapeutic strategies of IL-18 blockade in clinical and preclinical models, particularly the inhibition of IL-18 secretion, IL-18 binding protein, anti-IL-18 monoclonal antibodies and soluble IL-18 receptor. (c) 2007 Prous Science. All rights reserved.

3/7/38 (Item 16 from file: 73)
DIALOG(R)File 73:EMBASE

0081596314 EMBASE No: 2007029609
Interleukin-18 as a potential therapeutic target in chronic autoimmune/inflammatory conditions
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Expert Opinion on Biological Therapy (Expert Opin. Biol. Ther.) (United Kingdom) January 1, 2007, 7/1 (31-40)
CODEN: EOBTA ISSN: 1471-2598
DOI: 10.1517/14712598.7.1.31
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 74
Interleukin-18 (IL-18), a recently identified immunoregulatory and inflammatory cytokine, has attracted a profound interest as a potential ***therapeutic*** target in autoimmune/inflammatory disorders. In this review the authors focus on: IL-18 biology as an important link between innate and adaptive immunity; evidence of its pro-inflammatory role in several human autoimmune and chronic inflammatory disorders; and data indicating that IL-18 blockade in animal models results in prevention/amelioration of the disease process and preservation of the target tissue integrity and function. Finally, the authors analyse strategies presently under development to block IL-18 function and potential pitfalls resulting from IL-18 blockade that should be considered in ongoing/future clinical trials. (c) 2007 Informa UK Ltd.

3/7/46 (Item 24 from file: 73)
DIALOG(R)File 73:EMBASE

0080303920 EMBASE No: 2004489691
Interleukin-18: Recent advances
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Current Opinion in Hematology (Curr. Opin. Hematol.) (United States)
November 1, 2004, 11/6 (405-410)
CODEN: COHEF ISSN: 1065-6251
DOI: 10.1097/01.moh.0000141926.95319.42
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 81
Purpose of review: Interleukin-18 (IL-18) has potent immunomodulatory effects. It is the only cytokine with a unique capacity to induce T helper 1 or T helper 2 polarization, depending on the immunologic context. Serum levels of IL-18 are increased in many human diseases and it has been implicated in the pathogenesis of several immune-mediated processes. Some of the recent key advances in the immunobiology of IL-18 are discussed in this ***review*** . Recent findings: Recent data from several laboratories have shed light on the structure of IL-18; the signaling cascades that are initiated; and its role on modulating T cells, dendritic cells, and natural killer cell function. Several new reports have expanded and delineated the role of IL-18 in a multitude of diseases, but only recent advances in the role of IL-18 in three disease processes (acute graft-versus-host disease, insulin-dependent diabetes, and sepsis), where it appears to play paradoxic roles are discussed. Summary: Although emerging data shed more light on the complex role of IL-18 in immune reactions, they also pose more questions. Given the pleiotropic, complex, and at times paradoxic effects of IL-18 in various disease processes, better understanding of its immunobiology might lead to the development of IL-18 and/or its antagonists as ***therapeutic*** agents against immune-mediated diseases.

3/7/48 (Item 26 from file: 73)
DIALOG(R)File 73:EMBASE

0080185966 EMBASE No: 2004478142
Tumor necrosis factor-mediated inhibition of interleukin-18 in the brain: A clinical and experimental study in head-injured patients and in a murine model of closed head injury
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Journal of Neuroinflammation (J. Neuroinflamm.) (United Kingdom) July 28, 2004, 1/- (12)
ISSN: 1742-2094
DOI: 10.1186/1742-2094-1-13
URL: http://www.jneuroinflammation.com/content/1/1/13
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 34

Tumor necrosis factor (TNF) and interleukin-(IL)-18 are important mediators of neuroinflammation after closed head injury (CHI). Both mediators have been previously found to be significantly elevated in the intracranial compartment after brain injury, both in patients as well as in experimental model systems. However, the interrelation and regulation of these crucial cytokines within the injured brain has not yet been investigated. The present study was designed to assess a potential regulation of intracranial IL-18 levels by TNF based on a clinical study in head-injured ***patients*** and an experimental model in mice. In the first part, we investigated the interrelationship between the daily TNF and IL-18 cerebrospinal fluid levels in 10 patients with severe CHI for up to 14 days after trauma. In the second part of the study, the potential TNF-dependent regulation of intracerebral IL-18 levels was further characterized in an experimental set-up in mice: (1) in a standardized model of CHI in TNF/lymphotoxin-alpha gene-deficient mice and wild-type (WT) littermates, and (2) by intracerebro-ventricular injection of mouse recombinant TNF in WT C57BL/6 mice. The results demonstrate an inverse correlation of intrathecal TNF and IL-18 levels in head-injured patients and a TNF-dependent inhibition of ***IL*** - ***18*** after intracerebral injection in mice. These findings imply a potential new anti-inflammatory mechanism of TNF by attenuation of IL-18, thus confirming the proposed "dual" function of this cytokine in the pathophysiology of traumatic brain injury. (c) 2004 Schmidt et al., licensee BioMed Central Ltd.

0080050884 EMBASE No: 2004236033
Interleukin-18 and the treatment of rheumatoid arthritis
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Rheumatic Disease Clinics of North America (Rheum. Dis. Clin. North Am.) (United States) May 1, 2004, 30/2 (417-434)
CODEN: RDCAE ISSN: 0889-857X
DOI: 10.1016/j.rdc.2004.02.001

DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 73

Interleukin (IL)-18 is a new member of the IL-1 family of proinflammatory cytokines. Based on preclinical studies in animals, ***IL*** - ***18*** likely plays a role in rheumatoid arthritis, and strategies to block ***IL*** - ***18*** activity are underway in ***clinical*** trials. In one of these trials, a naturally occurring IL-18 binding protein (IL-18BP) binds IL-18 with a high affinity and reduces disease severity in models of inflammatory diseases. IL-18BP is not the soluble receptor for IL-18 but rather a distinct molecule, which appears to be distantly related to the IL-1 receptor type II, both structurally and functionally, and hence represents part of the IL-1 family of receptors.

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DIALOG(R)File 73:EMBASE

0079759742 EMBASE No: 2003469920
Interleukin 18 and its role in autoimmune diseases
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Archives of Hellenic Medicine (Arch. Hell. Med.) (Greece) March 1, 2003, 20/2 (172-181)
CODEN: AEIAF ISSN: 1105-3992
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: Greek SUMMARY LANGUAGE: English; Greek
NUMBER OF REFERENCES: 72

Interleukin 18 (IL-18) was first described in 1989 as interferon gamma (IFN-gamma) inducing factor. It is a novel cytokine of the IL-1 family. IL-18 is an 18-kDa glycoprotein derived by cleavage of a 23-kDa precursor, pro-IL-18, by caspase 1. Pro-IL-18 is expressed in macrophages, dendritic cells, Kupffer cells, keratinocytes, chondrocytes, synovial fibroblasts and osteoblasts, while IL-18 receptor is present on naive T-lymphocytes, mature T-helper cells-type 1 (Th SUB 1) cells, natural killer cells (NK), macrophages, neutrophils and chondrocytes. IL-18 acts via its receptor and signals through the IL-1 pathway which involves myeloid differentiation primary response protein, IL-1-receptor associated kinase, tumor necrosis factor alpha receptor-associated factor 6, transforming growth factor beta activated kinase 1 and its binding protein, and activation of nuclear factor kB. IL-18 participates in both innate and acquired immunity. It induces Th SUB 1 maturation and activation of lymphocytes. IL-18 activates macrophages and induces cytokine release and nitric oxide production and it can enhance cell-to-cell interactions. It reduces chondrocyte proliferation, up-regulates nitric oxide synthase, stromelysin and cyclooxygenase 2 expression and enhances glycosaminoglycan release. In addition, IL-18 induces cytokine release and cytotoxicity from NK-cells and promotes angiogenesis from endothelial cells. Furthermore, it activates neutrophils while ***inhibiting*** osteoclast maturation. Regulation of IL-18 is mediated via IL-18 binding protein, a specific inhibitor for IL-18, which binds

IL - ***18*** with high affinity and neutralizes its function. It seems that ***IL*** - ***18*** has a role in various rheumatic diseases. IL-18 mRNA and protein have been detected rheumatoid arthritis (RA) synovial tissues while IL-18 receptor was also detected on synovial lymphocytes and macrophages. IL-18 seems to have a proinflammatory role in RA. It potentiates IL-12-induced IFN-gamma production by T-cells in RA synovium. Overproduction of IL-18 has been described in adult Still's disease and is possibly associated with the pathophysiology of the disease. IL-18 may play a role in various autoimmune diseases. Although IL-18 exhibits pleiotropic activities most data indicate that its proinflammatory effects predominate, particularly in inflammatory arthritis. Thus, IL-18 represents an attractive, novel ***therapeutic*** target.

3/7/66 (Item 44 from file: 73)
DIALOG(R)File 73:EMBASE

0077958519 EMBASE No: 2000007665
The critical role of IL-12 and the IL-12Rbeta2 subunit in the generation of pathogenic autoreactive Th1 cells
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Springer Seminars in Immunopathology (Springer Semin. Immunopathol.) (Germany) December 1, 1999, 21/3 (249-262)
CODEN: SSIMD ISSN: 0344-4325
DOI: 10.1007/s002810050066
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 50

Experimental Allergic Encephalomyelitis (EAE) is a demyelinating disease of the central nervous system which is an animal model for the human autoimmune disease, multiple sclerosis. EAE is mediated by CD4 SUP + T cells and the T cells responsible for disease induction produce Th1 cytokines. IL-12 produced by monocytes and dendritic cells is the most critical factor which influences the development and differentiation of pathogenic autoreactive Th1 cells. Here, we ***review*** our recent studies on the critical contributions of IL-12 and the IL-12Rbeta2 subunit to the generation of autoreactive effector cells which mediate EAE. In addition, we discuss the potential contribution of IL-18 to the upregulation of the IL-12/IL-12Rbeta2 pathway and the contribution of the ***suppressor*** cytokines, IL-4 and IL-10, in downregulating this pathway. Collectively, our studies demonstrate that the IL-12/IL-12Rbeta2 pathway is a critical intermediary in the process of Th1 differentiation which can be both positively or negatively regulated. This pathway remains an attractive immunotherapeutic target for blockade of function with inhibitory reagents or downregulation by Th2 cytokines.

3/7/67 (Item 45 from file: 73)
DIALOG(R)File 73:EMBASE

0077883038 EMBASE No: 1999369370
Interleukin-18

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Methods: A Companion to Methods in Enzymology (Methods Companion Methods Enzymol.) (United States) September 1, 1999, 19/1 (121-132)
CODEN: MTHDE ISSN: 1046-2023
DOI: 10.1006/meth.1999.0837
DOCUMENT TYPE: Journal; Review RECORD TYPE: Abstract
LANGUAGE: English SUMMARY LANGUAGE: English
NUMBER OF REFERENCES: 81

Interleukin (IL)-18 is a newly discovered cytokine, structurally similar to IL-1, with profound effects on T-cell activation. This short review summarizes the present knowledge on IL-18, to give an insight into the future perspectives for its possible use as vaccine adjuvant. Formerly called interferon (IFN) gamma inducing factor (IGIF), IL-18 is the new name of a novel cytokine that plays an important role in the T-cell-helper type 1 (Th1) response, primarily by its ability to induce IFNgamma production in T cells and natural killer (NK) cells. Mice deficient in IL-18 have suppressed IFNgamma production despite the presence of IL-12 IL-18 is related to the IL-1 family in terms of structure, receptor family, and function. In terms of structure, IL-18 and IL-1beta share primary amino acid sequences of the so-called 'signature sequence' motif and are similarly folded as all-beta pleated sheet molecules. Also similar to IL-1beta, IL-18 is synthesized as a biologically inactive precursor molecule lacking a signal peptide which requires cleavage into an active, mature molecule by the intracellular cysteine protease called IL-1beta-converting enzyme (ICE, also called caspase-1). The activity of mature IL-18 is closely related to that of IL-1. IL-18 induces gene expression and synthesis of tumor necrosis factor (TNF), IL-1, Fas ligand, and several chemokines. The activity of IL-18 is via an IL-18 receptor (IL-18R) complex. This IL-18R complex is made up of a binding chain termed IL-18Ralpha, a member of the IL-1 receptor family previously identified as the IL-1 receptor-related protein (IL-1Rrp), and a signaling chain, also a member of the IL-1R family. The IL-18R complex recruits the IL-1R-activating kinase (IRAK) and TNFR-associated factor-6 (TRAF-6) which phosphorylates nuclear factor kappaB (NFkappaB)-inducing kinase (NIK) with subsequent activation of NFkappaB. Thus on the basis of primary structure, three-dimensional structure, receptor family, signal transduction pathways and biological effects, IL-18 appears to be a new member of the IL-1 family. Similar to IL-1, IL-18 participates in both innate and acquired immunity.

3/7/74 (Item 1 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

145101468 CA: 145(6)101468b JOURNAL
Interleukin-18 treatment options for inflammatory diseases
AUTHOR(S): Dinarello, Charles A.; Kaplanski, Gilles
LOCATION: Department of Medicine, Division of Infectious Diseases, University of Colorado Health Sciences Center, Denver, CO, 80262, USA
JOURNAL: Expert Rev. Clin. Immunol. (Expert Review of Clinical Immunology) DATE: 2005 VOLUME: 1 NUMBER: 4 PAGES: 619-632 CODEN: ERCIBU ISSN: 1744-666X LANGUAGE: English PUBLISHER: Future Drugs Ltd.

SECTION:
CA215000 Immunochemistry
IDENTIFIERS: review interleukin 18 inflammatory disease
DESCRIPTORS:
Macrophage...
activation; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies t
Inflammation...
Crohn's disease; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibod
Intestine,disease...
Crohn's; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies to I
Interferons...
γ; several inflammatory diseases are mediated by IL-18 with associated elevated interferon-γ levels
Transplant and Transplantation...
graft-vs.-host reaction; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal
Kidney,disease...
ischemia; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies to
Cell activation...
macrophage; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies t
Antibodies and Immunoglobulins...
monoclonal; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies t
Ischemia...
renal; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies to IL-
Interleukin 1β... Interleukin 18... Atherosclerosis... Rheumatoid arthritis... Psoriasis... Hepatitis... Human... Interleukin 18 receptors...
several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies to IL-18 and
Lupus erythematosus...
systemic; several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies to
CAS REGISTRY NUMBERS:
122191-40-6 several inflammatory diseases are mediated by IL-18 and can be treated by reducing IL-18 activity either with specific IL18 inhibitor or with caspase-1 inhibitor or monoclonal antibodies to IL-18 and its receptor

3/7/75 (Item 2 from file: 399)
DIALOG(R)File 399:CA SEARCH(R)

143095208 CA: 143(6)95208g JOURNAL
New cytokine inhibitors: anti-IL-12/IL-18 antibodies

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  AUTHOR(S): Nakamura, Kazuhiko
  LOCATION: Graduate School of Medicine, Kyushu University, Japan,
  JOURNAL: G.I. Res. (G.I. Research)  DATE: 2005  VOLUME: 13  NUMBER: 1
  PAGES: 43-48  CODEN: GIREFM  ISSN: 0918-9408  LANGUAGE: Japanese
  PUBLISHER: Sentan Igakusha
  SECTION:
    CA215000 Immunochemistry
  IDENTIFIERS: review interleukin antibody inflammatory bowel disease
  DESCRIPTORS:
Interleukin 12... Interleukin 18... Antibodies and Immunoglobulins... Human
...
    anti-interleukin-12 and interleukin-18 antibodies for treatment of
    Crohn's disease
Inflammation...
    Crohn's disease; anti-interleukin-12 and interleukin-18 antibodies for
    treatment of Crohn's disease
Intestine,disease...
    Crohn's; anti-interleukin-12 and interleukin-18 antibodies for
    treatment of Crohn's disease
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Set     Items   Description
S1       2151   (IL(W)18)(2ON)(INHIBIT? OR SUPPRESS? OR ANTIBOD? OR IMMUNO-
            GLOBULIN? OR ANTAGONI? OR BLOCK? OR PREVENT?) AND (TREAT? OR -
            THERAP? OR CLINICAL OR PATIENT?)
S2        115   S1 AND (REVIEW? OR OVERVIEW? OR SYNOPSIS)
S3         77   RD S2  (unique items)
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